

338A CAMERA SYSTEM TECHNICAL BOARD

25X1

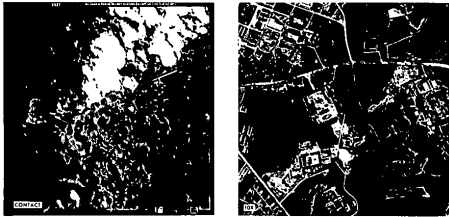
CONFIGURATION DATA

The unit is a medium resolution, high altitude, framing camera. Optics are mounted in a tiltable head and lens cone which sweep on one transverse to the line of sight in a fan type sequence. The camera uses a mirror type field phase shutter. The curtain is drawn at one speed across the frame and it travels in opposite directions on successive frames. Effective shutter speed is varied by controlling the appropriate slit in the curtain holder.

PHOTOGRAPHIC DATA

LENS	f/8
FOCAL LENGTH	34"
SHUTTER SPEED	1/500, 1/1000, 1/2000
IMAGE MOTION COMPENSATION	Rolling Shutter
IMAGE MOTION COMPENSATION RATE (FIXED)	213°/sec
DEFOCUS RESOLUTION	2.5 ft
CYCLE RATE (MAXIMUM)	3400 or 3401
EMULSION TYPE	2.0 mil
FILM RATE	1500'
FILM WIDTH	0.5"
FORMAT DIMENSIONS	9" x 8"
TRANSVERSE OVERLAP	2,000'
FORWARD OVERLAP (VERTICAL)	60%
TRANSVERSE COVERAGE	24 NM
LINEAR COVERAGE / FRAME (VERTICAL)	4.3 NM
LINEAR COVERAGE / MISSION	723 NM
COVERAGE / MISSION	17,400 SQ. NM

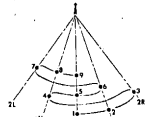
WPC 1104 (11/88)




DATA BLOCKS



POSITION MODE




SECRET